

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/802,518  
Source: TFWO  
Date Processed by STIC: 04/25/2006

# ***ENTERED***



JFWO

## RAW SEQUENCE LISTING

DATE: 04/25/2006

PATENT APPLICATION: US/09/802,518

TIME: 09:07:56

Input Set : A:\377882001100.txt

Output Set: N:\CRF4\04252006\I802518.raw

```

4 <110> APPLICANT: Van Nest, Gary
6 <120> TITLE OF INVENTION: METHODS OF AMELIORATING SYMPTOMS OF
7   HERPES INFECTION USING IMMUNOMODULATORY POLYNUCLEOTIDE
8   SEQUENCES
10 <130> FILE REFERENCE: 377882001100
12 <140> CURRENT APPLICATION NUMBER: 09/802,518
13 <141> CURRENT FILING DATE: 2001-03-09
15 <150> PRIOR APPLICATION NUMBER: 60/188,556
16 <151> PRIOR FILING DATE: 2000-03-10
18 <160> NUMBER OF SEQ ID NOS: 11
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 22
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Polynucleotide containing CG
30 <400> SEQUENCE: 1
31 tgactgtgaa cgttcgagat ga                                22
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 22
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial Sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Polynucleotide containing CG
41 <400> SEQUENCE: 2
42 tgaccgtgaa cgttcgagat ga                                22
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 23
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Polynucleotide containing CG
52 <400> SEQUENCE: 3
53 tcatctcgaa cgttccacag tca                                23
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 22
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Polynucleotide containing CG
63 <400> SEQUENCE: 4
64 tgactgtgaa cgttccagat ga                                22

```

## RAW SEQUENCE LISTING

DATE: 04/25/2006

PATENT APPLICATION: US/09/802,518

TIME: 09:07:56

Input Set : A:\377882001100.txt

Output Set: N:\CRF4\04252006\I802518.raw

```

66 <210> SEQ ID NO: 5
67 <211> LENGTH: 26
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Polynucleotide containing CG
74 <400> SEQUENCE: 5
75 tccataacgt tcgcctaacg ttcgtc                                     26
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 22
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Polynucleotide containing (5-bromocytosine)G
W--> 85 <221> NAME/KEY: misc_feature
86 <222> LOCATION: (1)...(22)
87 <223> OTHER INFORMATION: n = 5-bromocytosine
W--> 89 <400> 6
W--> 90 tgactgtgaa ngttccagat ga                                     22
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 22
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Polynucleotide containing (5-bromocytosine)G
W--> 100 <221> NAME/KEY: misc_feature
101 <222> LOCATION: (1)...(22)
102 <223> OTHER INFORMATION: n = 5-bromocytosine
W--> 104 <400> 7
W--> 105 tgactgtgaa ngttcgagat ga                                     22
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 22
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Polynucleotide containing (5-bromocytosine)G
W--> 115 <221> NAME/KEY: misc_feature
116 <222> LOCATION: (1)...(22)
117 <223> OTHER INFORMATION: n = 5-bromocytosine
W--> 119 <400> 8
W--> 120 tgactgtgaa ngttngagat ga                                     22
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 24
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Polynucleotide containing CG
130 <400> SEQUENCE: 9
131 tcgtcgaacg ttcgttaacg ttcg                                     24

```

## RAW SEQUENCE LISTING

DATE: 04/25/2006

PATENT APPLICATION: US/09/802,518

TIME: 09:07:56

Input Set : A:\377882001100.txt

Output Set: N:\CRF4\04252006\I802518.raw

133 <210> SEQ ID NO: 10  
134 <211> LENGTH: 22  
135 <212> TYPE: DNA  
136 <213> ORGANISM: Artificial Sequence  
138 <220> FEATURE:  
139 <223> OTHER INFORMATION: Polynucleotide not containing CG  
141 <400> SEQUENCE: 10  
142 tgactgtgaa ggtagagat ga 22  
144 <210> SEQ ID NO: 11  
145 <211> LENGTH: 22  
146 <212> TYPE: DNA  
147 <213> ORGANISM: Artificial Sequence  
149 <220> FEATURE:  
150 <223> OTHER INFORMATION: Polynucleotide not containing CG  
152 <400> SEQUENCE: 11  
153 tgactgtgaa ccttagagat ga 22

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/802,518

DATE: 04/25/2006  
TIME: 09:07:57

Input Set : A:\377882001100.txt  
Output Set: N:\CRF4\04252006\I802518.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 11  
Seq#:7; N Pos. 11  
Seq#:8; N Pos. 11,15

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/802,518

DATE: 04/25/2006

TIME: 09:07:57

Input Set : A:\377882001100.txt

Output Set: N:\CRF4\04252006\I802518.raw

L:85 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:89 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:100 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:104 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:115 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:119 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0